



UBC's Hare joins U of T in geography

Dr. Kenneth Hare, eminent geographer and climatologist, and retiring President of the University of British Columbia, has been appointed professor of geography in the Faculty of Arts and Science. The appointment takes effect July 1.

Dr. Hare's decision to resign from the presidency of U.B.C. at the end of the academic year was made public seven months after he took the position in June 1968. He has expressed great pleasure at the prospect of returning to teaching and research, which he considers his "principal reason for existence".

He went to Vancouver from the University of London, where he had been professor and head of geography at King's College from 1964 to 1966 and Master of Birkbeck College since 1966.

Prior to his four years in London, Dr. Hare had been at McGill University for 19 years, after teaching at the University of Manchester and serving as a meteorologist in the United Kingdom Air Ministry while holding a commission in the Royal Air Force Volunteer Reserve during the Second World War.

At McGill, Dr. Hare was chairman of the geography department, professor of geography and meteorology, director of the Arctic Meteorology Research Group, and, from 1962 to 1964, Dean of Arts and Science.

Dr. Hare is a graduate of the University of London and earned his Doctorate



Dr. Hare

of Philosophy at the Institute of Geography, University of Montreal. He holds honorary degrees from Queen's University and the University of Western Ontario, is a Fellow of King's College, London; the Royal Society of Canada, and the American Meteorological Society, and honorary fellow of the American Geographical Society. He has been president and winner of the Meritorious Achievement Citation of the Association of American Geographers.

He has been chairman of the board, Arctic Institute of North America; president of the Canadian Association of Geographers, and the Royal Meteorological Society. In addition, Dr. Hare has been a trustee of Stanstead College, member of the Canadian-Scandinavian Foundation council, the National Research Council, and the Spinks Commission to study the development of graduate programs in Ontario universities.

While in England, Dr. Hare was a member of the Advisory Committee on Natural Resources, the Natural Environment Research Council, and the Nature Conservancy.



Dr. Rose

Rose heads Social Work

Dr. Albert Rose, professor in the School of Social Work since 1948, becomes its director on July 1. He succeeds Dr. Charles E. Hendry, who is retiring after heading the school since the death of Dr. Harry M. Cassidy in 1951.

Born in Toronto, Dr. Rose received an honour B.A. from U of T in 1939, his

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Who will run for SGS seats on the Council?

In the future, elected members of the President's Council are to include graduate students. Two graduate students are to be elected for a term of one year to represent the four divisions of the School of Graduate Studies in two constituencies:

- (i) divisions I and II,
- (ii) divisions III and IV.

Graduate students are invited to present nominations for graduate student membership in the Council.

A nominee must be a student who intends to be a full-time graduate student in one of the departments of his constituency in the session 1969-70.

All students currently registered in the School of Graduate Studies are entitled to nominate and vote in their proper constituencies.

The nomination papers require the signature of ten students enrolled in the School of Graduate Studies, and the signature of the nominee, signifying his willingness to stand. All signatures must be accompanied by the student number.

A biographical statement of not more than 50 words, approved by the nominee, should be included.

Nomination papers must be received in the Office of the Vice-President and Registrar, Simcoe Hall, not later than 5 p.m. on March 10, 1969. It is expected that ballot papers will be mailed to all voters by March 17, 1969.

MARCH 13 DEADLINE

All material for the next issue should be in the hands of the editor, Mrs. Winogene Ferguson, by noon on the 13th of March. Her address is Room 225, Simcoe Hall (928-2102).

Federated Colleges ask place on governing body

The time has come when the federated universities must be represented as a matter of right on the governing structure of the University of Toronto, representatives of Trinity, St. Michael's and Victoria contended at a recent meeting of the Commission on University Government.

It was pointed out that the U of T Board of Governors and the governing bodies of the federated universities had few dealings with each other, that each controlled its own budget without reference to the others, and that the real links that bound them together were academic matters.

Representation of the federated universities on the U of T Senate, Arts and Science Faculty Council and the U of T Caput was provided for in the University of Toronto Act. But there was no representation for them on the Board of Governors or the President's Council.

The present system of representation on the academic tier of a two-tier form of governmental structure had worked well because of the goodwill shown by U of T to the federated institutions. But, their representatives argued before the Commission, goodwill alone might not be an

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DR. E. A. ROBINSON has been appointed Dean of Erindale College, effective July 1. He has been acting Dean since Dean Colman moved to Scarborough College last year. See story on page 4.

The Commission on the Government of the University of Toronto

Public Hearings

Last week the Commission on the Government of the University of Toronto published in the *Staff Bulletin* and the *Varsity* a skeletal outline of the issues that the Commission has over the past three months identified as being central to the question of university government and structure.

While there are areas of disagreement on specific issues, the Commission is in general agreement that the structures they are seeking should aim at being responsible to the university community, decentralized in the decision-making process, and adaptable to meet the forces of continuous change. While recognizing that structural changes within the university in themselves cannot solve the problems of student and faculty alienation in a large university setting, the Commission's basic aim is to start to tackle the problem of involvement and participation.

The Commission wishes to discuss these issues with *you*. They want to hear *your* opinions and reactions to their statement of issues. They want to explain to *you* where they agree and disagree — and why.

During the week of March 10-14, 1969, the Commission will be holding a series of informal public hearings in various locations on campus, at which Commission members will be present to discuss the issues with *you*. The Commission wishes to stress the fact that members of the university community should feel free to attend all or any of these meetings.

HERE IS WHERE WE WILL BE

Date	Time		Location
Monday March 10	12:30 p.m.	Applied Science and Engineering Forestry Architecture	Council Chamber, Galbraith Building (all three)
Tuesday March 11	7:30 p.m.	St. Michael's College Trinity College Victoria College	Carr Hall St. Michael's College (all three)
Wednesday March 12	1:00 p.m.	Medicine Pharmacy Dentistry Food Sciences Hygiene Nursing Physical and Health Education	Room 3170, Medical Sciences Building (all seven)
Thursday March 13	1:00 p.m.	Law Music Business Social Work Library Science	Moot Court, Faculty of Law (all five)
Thursday March 13	7:30 p.m.	Innis College New College University College	Common Room, Wilson Hall, New College (all three)

WON'T YOU COME AND TELL US WHAT YOU THINK?

COMING EVENTS

MARCH

6 THURSDAY

Lectures

Faculty of Dentistry. "Recent Developments in New Adhesive Restorative Materials". Dr. D. C. Smith, Dental Materials Science, Turner Dental School, University of Manchester. Room 308, Faculty of Dentistry. 1 p.m.

School of Graduate Studies and Department of Political Economy. "Notes on the Role of Education in Production Functions and Growth Accounting". Prof. Zvi Griliches, University of Chicago. Room 1071, Sidney Smith Hall. 2 p.m.

School of Graduate Studies and Department of Italian and Hispanic Languages and Literatures. "The Contemporary Italian Novel From Within". Prof. Giose Rimanelli, State University of New York at Albany. Room 1086, Sidney Smith Hall. 3 p.m.

School of Graduate Studies and Department of Political Economy. "Contemporary Politics in New Zealand Today". Prof. W. F. Morrell, Department of Political Studies, Queen's University. Room 3050, Sidney Smith Hall. 4 p.m.

University College Lecture Series. "Elements of Anarchism in the Existentialists". Prof. Graeme Nicholson. West Hall, University College. 4.10 p.m.

Department of Fine Art. "The Lord Trampling on the Beasts". Dr. Philippe Verdier, director, Department of the History of Art, University of Montreal. Room 203, McLennan Physical Laboratories. 4 p.m.

"The History of Palaeontology" series. "Eighteenth Century Theories". Dr. W. E. Swinton. Room 2117, Sidney Smith Hall. 5 p.m. Sponsored by the Varsity Fund.

School of Graduate Studies, Department of Italian and Hispanic Studies, and the Latin American Studies Committee in the International Studies Programme. "Does Latin America Share a Common Tradition?" Prof. Charles Wagley, Columbia University. Upper Library, Massey College. 8 p.m.

Lecture-discussion

"The Age of Revolution" series. "Revolution at Home" Part I. "The Basic Differences in the Philosophies of Indian Culture and Euro-Canadian Culture". Room 257, Erindale College. 8 p.m.

Seminars

School of Graduate Studies and Institute for Aerospace Studies. "Noise Control". P. Baade, Carrier Corp. Main Lecture Room, Institute for Aerospace Studies, Dufferin Street and Steeles Avenue. 2 p.m.

School of Graduate Studies and Department of Physics. "Triumph". Prof. John B. Warren, University of British Columbia. Room 102, McLennan Physical Laboratories. 4.10 p.m.

Films

Hart House Camera Club showing of winning slides. East Common Room. From 1 to 2 p.m.

Hart House Film Festival. Music Room. 7.15 p.m. Ladies welcome.

7 FRIDAY

Lectures

School of Graduate Studies and Department of East Asian Studies. "Some Considerations on the Indian Philosophy of Language". Prof. T. R. V. Murti, professor of Indian Civilisation and Culture, Hindu University, Banaras, India. Room 137, McLennan Physical Laboratories. 12 noon.

School of Graduate Studies and Department of Sociology. "Rules of Descent: Studies of Society as a Parent". Prof. Guy E. Swanson, University of Michigan. Room 102, Mechanical Building. 2 p.m.

Pontifical Institute of Mediaeval Studies lecture series. "A Twelfth Century Treatise on Composition". G. W. Drake. Teefy B, St. Michael's College. 3.10 p.m.

School of Graduate Studies and Faculty of Forestry. "Electron Microscopy, Ultrastructure and Wood Science". Dr. Wilfred A. Côté, Jr., Syracuse University. Room 162, Lash Miller Chemical Laboratories. 3.30 p.m.

Lecture-discussion

"The Age of Revolution" series. "Revolution at Home" Part II. "What Changes are Coming for Indian People in Canada?" Room 257, Erindale College. 8 p.m.

Seminar

School of Graduate Studies, Department of Italian and Hispanic Studies, and the Latin American Studies Committee in the International Studies Programme. "Brazilian Fiction as Social Documents". Prof. Charles Wagley. Lounge, 21 Sussex. 4 p.m.

8 SATURDAY

Lecture

Royal Canadian Institute. "Hibernation, A Case of Suspended Animation". Dr. Kenneth C. Fisher. Convocation Hall. 8.15 p.m.

9 SUNDAY

Concert

Hart House Orchestra Associates. Program consists of works by Holst, Boccherini and Britten. Great Hall, Hart House. 8.30 p.m. Tickets at the door: students \$1.50; others \$3.

10 MONDAY

Lectures

School of Graduate Studies and Institute for the History and Philosophy of Science and Technology. "Recent Researches in the Philosophy of Science: Their Effects on the History of Science in France". Gilles Maheu, Département d'histoire, Faculté des Lettres, Université de Montréal. Room 102, McLennan Physical Laboratories. 1.10 p.m.

School of Graduate Studies and Department of Italian and Hispanic Languages and Literatures. "Interaccion del español con otras lenguas en America". Prof. José Pedro Rona, Department of Linguistics, Universidad de la Republica, Montevideo, Uruguay. Common Room, 21 Sussex Court. 4 p.m.

School of Graduate Studies, Graduate Department of Music and Centre for Medieval Studies. "English Vernacular Song in the Middle Ages". Prof. Frank L. Harrison, Oxford University and visiting professor, Department of Music, Princeton University. Room 116, Edward Johnson Building. 4.10 p.m.

Seminar

School of Graduate Studies and Department of Pharmacology. "Muscular Contraction and Elasticity of Arterial Wall". Dr. M. Wurzel, Faculty of Medicine, University of Ottawa. Conference Room, 5th floor, Pharmacy Building. 4 p.m.

Music

Special Noon Hour Concert. Helsinki University Chorus. Debates Room, Hart House. 1 p.m. Ladies welcome.

11 TUESDAY

Music

Royal Conservatory of Music Noon Hour Concert. Warren Mould, Piano. School of Music Concert Hall, 273 Bloor St. W. 12.30 p.m. Admission free.

Lectures

School of Graduate Studies and Department of Physiology. "Models for the Simulation of Cardiac Rhythm Disturbances". Dr. R. Nadeau, Department of Physiology, University of Montreal. Conference Room 417, the Charles H. Best Institute, 112 College Street. 11 a.m.

School of Graduate Studies and Department of Biochemistry. "Resistance to Aminoglycoside Antibiotics: Ribosomal and Non-ribosomal Mechanisms". Prof. Julian Davies, Department of Biochemistry, University of Wisconsin. Room 3170, Medical Sciences Building. 4 p.m.

The second Ray F. Farquharson Memorial Lecture. "Pernicious Anemia: Cure to Comprehension". Dr. William Bosworth Castle, professor of Medicine, Harvard University, Boston. Osler Hall, Academy of Medicine. 8.30 p.m.

Seminars

Department of Civil Engineering. "Properties of Fresh Portland Cement and Concrete". Dr. T. C. Powers. Room G-415, Galbraith Building. 3 p.m. Staff and graduate students are welcome to attend.

Department of Zoology. "Palynology and Pleistocene Extinction". Dr. J. H. McAndrews. Room 432, Ramsay Wright Zoological Laboratories. 4 p.m.

Discussion

United Nations Lecture Series on "Sources of Strife and Violence in Today's World". Detailed looks at specific trouble spots. (Members sign up for groups ahead.) Scarborough College. 8 p.m.

12 WEDNESDAY

Music

Classical Concert featuring electronic music. Music Room, Hart House. 1 p.m. Ladies welcome.

Lectures

Great Lakes Institute and Division of University Extension. Behaviour of the Great Lakes Series. "Plankton, Algae and Other Plants (Eutrophication)". Dr. C. Sparling. Room C, Faculty of Law, 78 Queen's Park. 2 p.m.

School of Graduate Studies and Faculty of Forestry. "The Strength of Glued-Laminated Timber Beams". E. N. Aplin, Timber Mechanics Section, Ottawa Forest Products Laboratory. 4 to 5.30 p.m. in Room 302, and also 7.30 to 9.30 in Room 11, Forestry Building.

Lecture-recital

"The Art of Speaking English Verse". Robert Speaight. Hart House Theatre. 8.30 p.m.

Colloquium

School of Graduate Studies and Department of Astronomy. "Ultra-violet Spectra and Model Stellar Atmospheres". Dr. Owen Gingerich, Smithsonian Astrophysical Observatory. David Dunlap Observatory. 4 p.m.

13 THURSDAY

Lectures

School of Graduate Studies and Department of Biochemistry. "The Fibrinogen-thrombin Reaction". Prof. L. Lorand, Biochemistry Division—Department of Chemistry, Northwestern University. Room 3170, Medical Sciences Building. 4 p.m.

School of Graduate Studies and Department of Near Eastern Studies. "Ancient Egyptian Furniture". Dr. Henry G. Fischer, Curator, Egyptian Department, Metropolitan Museum of Art, New York City. Room 104-105, U.C. 4.10 p.m.

Department of Fine Art. "The Recently-found Twelfth-Century Reliefs in Utrecht". Miss Rosalie B. Green, director, Index of Christian Art and Archaeology, Princeton University. Room 2118, Sidney Smith Hall. 4.15 p.m.

School of Graduate Studies and Department of Classical Studies. "Decadence: Tacitus' Analysis". Prof. Gordon Williams, University of St. Andrews, Scotland; visiting professor, Indiana University. Room 240, Trinity College. 4.30 p.m.

"The History of Palaeontology" series. "Nineteenth Century Verities". Dr. W. E. Swinton. Room 2117, Sidney Smith Hall. 5 p.m. Sponsored by the Varsity Fund.

Seminars

School of Graduate Studies and Department of History. "Fascism". Prof. George L. Mosse, University of Wisconsin. Room 3050, Sidney Smith Hall. 10 a.m.

Department of Civil Engineering. "Properties of Fresh Portland Cement and Concrete". Dr. T. C. Powers. Room G-415, Galbraith Building. 3 p.m. Staff and graduate students are welcome to attend.

School of Business. "The Care and Feeding of Baby Mandarins". J. J. Carson, chairman, Public Service Commission of Canada. Room A203, 117 St. George Street. 4.10 p.m.

School of Graduate Studies and Department of Near Eastern Studies. "The Relationship between Writing and Art in Ancient Egypt". Dr. Henry G. Fischer. Senior Common Room, Sir Daniel Wilson Residence. 8 p.m.

Colloquium

School of Graduate Studies, Department of Astronomy and Institute for the History and Philosophy of Science and Technology. "Johannes Kepler and the New Astronomy". Dr. Owen G. Gingerich. Room 137, McLennan Physical Laboratories. 4 p.m.

Music

Faculty of Music Thursday Afternoon Series. Collegium Musicum. Concert Hall. 2 p.m. Admission free.

Special Concert with Kathleen Tucker, pianist. Music Room, Hart House. 8.30 p.m. Ladies welcome.

14 FRIDAY

Lectures

The Gray Lecture in the Department of History. "A French-Canadian Conception of Federalism". Marcel Faribault. Seeley Hall, Trinity College. 8 p.m.

School of Graduate Studies and Department of Biochemistry. "Enzymatic Cross-Linking of Fibrin". Prof. L. Lorand. Room 3170, Medical Sciences Building. 12 noon.

School of Graduate Studies and Department of Botany. "Plant Mitochondria". Dr. W. D. Bonner, Jr., Johnson Foundation, University of Pennsylvania. Room S128, Scarborough College. 5 p.m.

School of Graduate Studies and Department of History. "The European Right as a Mass Movement". Prof. George L. Mosse, University of Wisconsin. 2118 Sidney Smith Hall. 12 o'clock noon.

Department of Metallurgy and Materials Science. "Absorption of Hydrogen by Nickel Alloys". Dr. M. Wayman. Room 116, Wallberg Building. 3.30 p.m.

Seminar

School of Graduate Studies and Department of Classical Studies. "Tradition and Originality: Discussion of Problems". Prof. Gordon Williams. Room 24, Trinity College. 4.30 p.m.

Recital

A group recital of modern dramatic verse. Directed by Robert Speaight. Studio Theatre, 4 Glen Morris. 8.30 p.m.

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COMING EVENTS

MARCH (Continued from page 2)

15 SATURDAY

Lecture Royal Canadian Institute. "The Evolution of Man". Dr. W. E. Swinton. Convocation Hall. 8.15 p.m.

16 SUNDAY

Music Faculty of Music. University of Toronto Concert Band. Conducted by Profs. Robert A. Rosevear and Herbert Mueller. MacMillan Theatre. 3 p.m. Admission free.

Massey College. Choral Vespers Service. Music by Morley, Farrant and Bird. Massey College. 5 p.m.

18 TUESDAY

Music Royal Conservatory of Music Noon Hour Concert. Carol van Feggelen. Guitar. School of Music Concert Hall, 273 Bloor St. W. 12.30 p.m. Admission free.

Seminar Department of Zoology. "Physiological Aspects of Muscle Development". Dr. A. R. Luff. Room 432, Ramsay Wright Zoological Laboratories. 4 p.m.

19 WEDNESDAY

Lectures Graduate Department of Italian and Hispanic Languages and Literatures. "La Situación del Escritor en la España Actual". Prof. Jesús López Pacheco, University of Western Ontario. Room 1087, Sidney Smith Hall. 4 p.m.

Great Lakes Institute and Division of University Extension. Behaviour of the Great Lakes Series. "Bottom Fauna". Dr. F. P. Ide. Room C, Faculty of Law, 78 Queen's Park. 2 p.m.

School of Graduate Studies, Department of German, and Centre for Medieval Studies. "Chivalry and Murder" (in the works of Wolfram & Hartmann). Prof. D. H. Green, Cambridge University, Visiting Professor at Yale University. Wymilwood Music Room, Charles Street West. 8.30 p.m.

20 THURSDAY

Lecture "The History of Palaeontology" series. "Palaeontology Becomes a Science". Dr. W. E. Swinton. Room 2117, Sidney Smith Hall. 5 p.m. Sponsored by the Varsity Fund.

Seminar School of Graduate Studies, Department of German, and Centre for Medieval Studies. "Irony and the Arthurian Romance" (comparing the opening scenes of Hartmann's *Iwein* and Cervantes' *Don Quixote*). Prof. D. H. Green. Room 219, University College. 11 a.m.

Music Faculty of Music Thursday Afternoon Series. Hortus Musicus Torontoensis, Concert Hall. 2 p.m. Admission free.

21 FRIDAY

Lecture Department of Metallurgy and Materials Science. "The Fatigue of Copper Single Crystals". Dr. D. Embury, Department of Metallurgy and Materials Science, McMaster University. Room 116, Wallberg Building. 3.30 p.m.

Colloquium School of Graduate Studies, Department of Computer Science. "The Methods for Finding Roots of Polynomials". Dr. Peter Henrici, Zurich, Switzerland. Room 134, McLennan Physical Laboratories. 3 p.m.

Supper Buffet Supper. The Faculty Club. 5.30-8 p.m.

25 TUESDAY

Music Royal Conservatory of Music Noon Hour Concert. School of Music Electronic Music Studio. School of Music Concert Hall, 273 Bloor St. W. 12.30 p.m. Admission free.

Seminar Department of Zoology. "A New Look at the So-called 'Phylum' Mesozoa". Dr. Eugene Kozloff, Department of Zoology, University of Washington and Friday Harbor Marine Laboratories. Room 432, Ramsay Wright Zoological Laboratories. 4 p.m.

26 WEDNESDAY

Lectures Great Lakes Institute and Division of University Extension. Behaviour of the Great Lakes Series. "Properties of Sediments, Littoral Drifts". Dr. C. F. M. Lewis, Geological Survey of Canada, D.E.M.R. Room C, Faculty of Law, 78 Queen's Park. 2 p.m.

Graduate Department of Italian and Hispanic Languages and Literatures. "Two Aspects of the Renaissance: Cervantes and Ariosto". Prof. Manuel Durán, Yale University. Upper Library, Massey College. 8 p.m.

Colloquium Department of Astronomy. "A Model for Be-Star Envelopes". Prof. J. M. Marlborough, University of Western Ontario. David Dunlap Observatory. 4 p.m.

27 THURSDAY

Lecture University College Lecture Series. "The Miserable Asiatics; Egypt's Dealings with Asia 1000-525 B.C.". Prof. Donald D. Redford. West Hall, University College. 4.10 p.m.

Seminar Graduate Department of Italian and Hispanic Languages and Literatures. "Calderón, *La Vida Es Sueño*, Jornada 2, Escenas XVIII y XIX". Prof. Manuel Durán, Yale University. Lounge, 21 Sussex Avenue. 4 p.m.

Colloquium School of Graduate Studies, Department of Computer Science. "The Correctness Problem of Programs". Prof. Z. Manna, Stanford University. Room 134, McLennan Physical Laboratories. 2 p.m.

Music Faculty of Music Thursday Afternoon Series. Faculty of Music Ensembles. Concert Hall, Edward Johnson Building. 2 p.m. Admission free.

Faculty of Music Special Events Series presenting the Czech Nonet. Concert Hall, Edward Johnson Building. 8.30 p.m. Standing room on day of performance. Call box office 928-3744.

Meeting The University Arts Women's Club. Husbands and friends are invited to join members to hear H. G. Hedges, committee member of the Hall-Dennis Report. A reception (Wine and Cheese, \$1) will follow the meeting. Room 2118, Sidney Smith Hall. 8 p.m.

28 FRIDAY

Lectures School of Graduate Studies and Department of Metallurgy and Materials Science. "The Atomistic Structure of Grain Boundaries". Dr. Herbert Gleiter, Harvard University. Room 116, Wallberg Building. 3.30 p.m.

Department of Fine Art. "Bernini and Sacchi". Prof. Ann Sutherland Harris, Columbia University. Room 2118, Sidney Smith Hall. 4.10 p.m.

30 SUNDAY

Open House

Hart House Visitors' Sunday. 2 to 5 p.m. Tea in the Great Hall from 3 to 4.30 p.m.

APRIL

1 TUESDAY

Music

Royal Conservatory of Music Noon Hour Concert. Burnetta Day, Soprano. School of Music Concert Hall, 273 Bloor St. W. 12.30 p.m. Admission free.

Seminar

School of Graduate Studies and Department of Zoology. "The Development of Species — Typical Behaviour". Dr. William C. Dilger, Section of Neurobiology and Behavior, Cornell University. Room 432, Ramsay Wright Zoological Laboratories. 4 p.m.

2 WEDNESDAY

Lecture

Great Lakes Institute and Division of University Extension. Behaviour of the Great Lakes Series. "Summary and Summation". Dr. A. D. Misener. Room C, Faculty of Law, 78 Queen's Park. 2 p.m.

Appointment of ATS assessors to Budget Advisory Committee discussed by President's Council

The President's Council held an extra meeting on Monday, February 24th, 1969, at which discussion of the two topics left unfinished at the last meeting was concluded.

Mr. John Winter was in attendance. The Council was unanimous in deciding to offer two seats with full membership to the graduate students, one to represent the humanities and social sciences and one to represent the physical and life sciences, to be elected by ballot in conjunction with the forthcoming election to the Council of the G.S.U.

On the matter of the Faculty of Law, Professor Conacher distinguished between the short-term and the long-term proposals; all were reasonable, he said, though similar to proposals being made in many other divisions of the University. Some of the short-term problems, for example, the severe shortage of space and the critical state of the law library, had already been turned over to appropriate bodies. This was about as far as the Council could go at present, because the long-term solution involved new construction, and this was a question of priorities in the wider University context. The Council agreed that the whole question of priorities needed discussion.

Professor I. Burton, Chairman of the Salaries Committee of the Association of the Teaching Staff, presented a request from the ATS to appoint two non-voting assessors, responsible to the ATS, subject to recall, and reporting back to the Council of the ATS, to the Presidential Advisory Committee on the Budget. They thought that this would help them to play a wider role in the University and that it would improve communication between faculty and administration. Answering questions, Professor Burton said: that they saw representation as a means both of getting more information on

budget matters and of influencing decisions; that if the Budget Committee ruled certain matters to be confidential the ATS representatives would, of course, observe the confidentiality; and that they needed more information about other aspects of the University's budget in order to make realistic assessments of the salary position. The Council could see this point of view and it was agreed that the ATS should participate in the early discussions of salary policy in the Budget Committee and in a meeting after the anticipated revenue has become known, at which the Budget Committee's proposed recommendations—including both salary policy and general allocation of funds among the various categories of expenditure—will be discussed. It was thought, however, that it was preferable to await the report of the Commission on University Government before making changes in the composition of the Budget Committee.

Elections to fill four seats in three constituencies on the President's Council will be held this spring. Professors L. E. Lynch (Constituency A) and J. C. Laidlaw (Constituency B) will complete their 3-year terms on June 30; Professor G. C. Walker (Constituency E), who was elected to complete the unfinished term of Dr. K. J. Paynter, will also be retiring this year; and a replacement will be required to complete the term of Professor J. B. Conacher (Constituency A), who will be on leave of absence.

Professor Conacher reported on the last meeting of the ATS at which a report of an *ad hoc* committee on summer salaries was discussed. Because of the lateness of the hour it was decided to postpone discussion of this matter until the next meeting of the President's Council, which will be held on Monday, March 10, in the Council Chamber of the Galbraith Building, starting at 2 p.m.

Federated Colleges and CUG

(Continued from page 1)

adequate safeguard in the future, with financial and academic matters even now being so closely connected. If a one-tier system of University government were to replace the present two-tier structure, the federated institutions would face real problems.

More formal arrangements should be made, therefore, to give the federated colleges the right to representation on the governing bodies whose decisions would have implications for the colleges.

It was stated that the federated colleges were in a difficult financial position because provincial grants were grossly inadequate since the termination of direct federal grants to them. It was difficult to assert that the colleges any longer had real financial independence.

The Commission discussed the contention of the Macpherson Committee that the federated colleges did not do enough teaching. The college visitors said the proposals in the Macpherson Committee report would in effect make their institutions peripheral in the University and they would be simply two year "junior

colleges" in their relationship with U of T.

The base of college teaching should be broadened, although it would be difficult and impractical for this to be done without new financial arrangements.

A suggestion was put that the federated universities could be made financially strong by financial integration of the colleges with U of T, with the retention at the same time of college identity and their right to hire their own staffs.

Student representatives held that it was important for the University to continue to have colleges, which helped to ease the pressures upon students of size, impersonality, and other disadvantages of a large university. But, the students said, colleges could not hope to succeed in this way unless they had real and vigorous academic programs.

Taking part in the discussion with the Commission were: Rev. D. R. G. Owen, Provost, and Derek Allen, Trinity; Rev. J. M. Kelly, President, and Robert Shiley, St. Michael's; Rev. A. B. B. Moore, President, Victoria University; Prof. J. M. Robson and Miss Sandra Black, Victoria College.

Grants for research received by staff from the Canada Council

Twenty-three members of the teaching staff of the University and one member of the Royal Ontario Museum staff are among those receiving grants for research in the humanities and social sciences announced this week by the Canada Council.

The Council reported that 835 social scientists and humanists will share this year in grants expected to total \$3,200,000 for research to be undertaken by Canadian university staff members.

A list of the grants to U of T staff follows:

Prof. Anthony K. Warder, East Asian Studies, \$13,770 for continued research on a concordance of the Pali Tipitakam, a body of ancient Buddhist scriptures.

Prof. Lewis S. Feuer, Sociology, \$8,200 for research on the sociology of ideas and intellectuals.

Prof. Barry W. E. Bragg, Psychology, \$7,550 for research in social psychology.

Grants of less than \$5,000, with the name of the recipient and department:

Mrs. Danuta Bienkowski, Slavic Languages and Literatures, \$1,745.

G. M. Craig, History, \$1,868.

Anthony H. De Quehen, University College, English, \$1,508.

Anthony N. Doob, Psychology, \$2,500.

Denton Fox, University College, English, \$4,443.

Victor E. Graham, University College, French, \$1,682.

Robert A. Greene, University College, English, \$1,921.

Paul F. Grendler, History, \$1,900.

Charles E. Hendry, Director, School of Social Work, \$2,500.

Peter L. Heyworth, University College, English, \$2,017.

John E. Hodgetts, Victoria College, public administration, \$3,912.

Wayne R. Kime, New College, English, \$1,100.

Trevor Owen Lloyd, History, \$1,662.

Michael R. Marrus, History, \$1,460.

Sidney R. Maxwell, School of Business, \$2,010.

Hartwig L. M. Meyer, Victoria College, German, \$1,520.

Brian C. Stock, St. Michael's College, Latin, \$1,150.

Robert A. Taylor, University College, Philology, \$883.

Charles Tilly, Sociology, \$2,570.

John W. Wevers, Near Eastern Studies, \$4,297.

A grant of \$6,015 has been made to Professor David M. Pendergast, field director of the British Honduras expedition of the Royal Ontario Museum, for continued archaeological excavation of the ancient Maya ruins at Altun Ha.

by the Department of Transport, in Ottawa, on Feb. 14, in connection with his current research interests in supersonic trains. Dr. Glass also attended a meeting of the NRC Associate Committee on Aerodynamics, in Ottawa, Feb. 16-17, in order to discuss various aspects of hypersonic flow research and development and to attend a seminar on the progress of air cushioned vehicles in Canada.

DR. P. C. HUGHES attended the Seventh Aerospace Sciences meeting of the AIAA in New York, Jan. 20-22.

Hygiene

PROF. J. E. F. HASTINGS attended the World Health Organization meeting of Investigators of Utilization of Medical Care Services in Geneva from Jan. 27 to 31.

Computer Science

PROF. P. FISCHER of the University of Waterloo delivered a colloquium to the Department entitled "Some Studies in Computational Complexity" on Feb. 14. It was sponsored by the School of Graduate Studies.

During the week of Feb. 17 to 21, PROF. T. E. HULL visited universities in Winnipeg, Saskatoon, Regina, Calgary, and Edmonton. During these visits Prof. Hull presented colloquium lectures on "The Effectiveness of Numerical Methods for Solving Ordinary Differential Equations", and also discussed the undergraduate and graduate programs in Computer Science.

PROF. J. C. MASON gave colloquia entitled "A Survey of Chebyshev Methods in Numerical Analysis" on Feb. 14 at the University of Calgary and on Feb. 17 at the University of British Columbia. He visited the University of Victoria from Feb. 18 to 21 and gave a colloquium on "Orthogonal Polynomial Approximation in the L_1 , L_2 , and Chebyshev Norms".

Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. Oral Examinations.

Friday, March 14

Thomas Richard Govers, Department of Chemistry. "Experiments on the Formation and Applications of Nozzle Beams". Thesis supervisor: Prof. J. M. Deckers. Room 201, 65 St. George Street. 10 a.m.

Tuesday, March 18

Melville Brockett Fenton, Department of Zoology. "Ecological Studies of Bats in Ontario and Adjacent Regions". Thesis supervisor: Prof. R. L. Peterson. Room 201, 65 St. George Street. 10 a.m.

Thursday, March 20

Jerry Malzan, Department of Mathematics. "Real Finite Linear Groups". Thesis supervisor: Prof. G. deB. Robinson. Room 207, 65 St. George Street. 3 p.m.

EXHIBITIONS

Exhibition of paintings by Y. Garbis-Yadghian in Alumni Hall, Victoria College. March 10 to March 31 (Mondays to Friday) Tea on Wednesday, March 12, 4 to 5.30 p.m. Visitors invited.

Winter life in early Canada shown in an exhibition of early paintings, watercolours and prints. Sigmund Samuel Canadiana Building, 14 Queen's Park Crescent West. Until March 16.

Exhibition by Barry Rich, military illustrator for the Federal Government, showing military uniforms worn by French and English regular army and militia units in Canada, 1750-1900. ROM Third Floor Rotunda. Feb. 28 to March 16.

McLaughlin Planetarium. "Ways of the Planets". Until March 2. Tuesday to Friday, 3.30 and 8 p.m.; Saturday, 11 a.m., 2, 3.30, 5 and 8 p.m.; Sunday, 2, 3.30 and 5 p.m. Buy tickets in advance at the Planetarium Box Office. Adults \$1, Children (8-14 years) 50¢. Children under eight years old not admitted to the Star Theatre.

U of T Credit Union chartered flight

The University of Toronto Employees' Credit Union has arranged a chartered flight, Toronto-London return, to leave here on Sept. 7 and return on Sept. 28. The flight is first-class, in a jet Boeing 707. Return cost is \$199. Eligible passengers should have belonged to the Union for six months before take-off, so join today if you want to take advantage of this flight.

For more information, get in touch with the Credit Union manager, Mr. Frank Campbell, at 928-3220, or after six in the evening, with Mr. S. M. Hodder, 633-4756, or Miss Jackie Taillon, 485-4903.

The Press

The following books have recently been published by the Press:

Microorganisms in Foods: Their Significance and Methods of Enumeration. Edited by F. S. Thatcher and D. S. Clark. \$12.50.

The Earth Sciences in Canada: A Centennial Appraisal and Forecast. Edited by E. R. W. Neale. \$8.50.

The Seventeenth-Century Stage: A Collection of Critical Essays. Edited by Gerald Eades Bentley. \$2.95 paper, and \$9.75 cloth.

Educational Finance: Its Sources and Uses in the United Kingdom. By Alan Peacock, Howard Glennerster and Robert Lavers. \$8.00.

Highland Settler: A Portrait of the Scottish Gael in Nova Scotia. By Charles W. Dunn. \$2.50.

Judicial Review. Fourth Edition. By Edward McWhinney. \$8.50.

Social Work in the Hospital Organization. By Margaret Gaughan Brock. \$4.50.

Studies in the Eighteenth Century. Edited by R. F. Brissenden. \$12.50.

E A Robinson Erindale Dean

Dr. E. A. Robinson has been appointed Dean of Erindale College, University of Toronto, after serving as Associate Dean since the college was opened in 1966 and as acting Dean since Dean John Colman moved to the deanship at Scarborough College last year.

In addition to his administrative responsibilities, Dr. Robinson will continue to be professor of chemistry for undergraduate classes and for graduate students at the University's St. George Campus.

Dr. Robinson, born in London, England and educated at the University of London, where he earned his B.Sc. and Ph.D. degrees, was a post-doctoral fellow at McMaster University, Hamilton, then joined the University of Toronto as assistant professor of chemistry in 1964.

The new dean is a Fellow of the Chemical Society, London, and the Chemical Institute of Canada; a member of the Faraday Society, the Canadian Science Film Institute, and the Ruskin Literary and Debating Society, of which he is now president. Dr. Robinson has lectured extensively at universities in Canada, the U.S.A., and Scotland. He addressed university science assemblies in Moscow, Leningrad, and Kiev at the invitation of the U.S.S.R. Academy of Sciences.

Albert Rose

(Continued from page 1)

M.A. and Ph.D. from the University of Illinois in 1940 and 1942 respectively. Dr. Rose served with the Canadian Army during the Second World War, enlisting as a private and rising to lieutenant in the Directorate of Military Intelligence.

After the war, he became research director of the Community Chest of Greater Toronto and in 1948 joined the University as assistant professor of social work. He became professor in 1956.

Dr. Rose is an authority on housing and social welfare and has contributed many articles on these subjects to professional journals. He is the author of *Local Housing Conditions and Needs*, published in 1955, and *Regent Park, a Study in Slum Clearance*. He was the editor of *A People and its Faith: Essays on Jews and Reform Judaism*.

Dr. Rose has carried out research or served as a consultant for Central Mortgage and Housing Corporation, the Department of Citizenship and Immigration, the Canadian Welfare Council, and the Civic Advisory Council of Toronto. He is a member of the board of directors of the Ontario Housing Corporation and has been vice-chairman of the Metropolitan Toronto Housing Authority.

March 14 Senate Meeting

Tickets will again be available for the next meeting of the University of Toronto Senate, which will take place in the Senate Chamber, Simcoe Hall, on Friday, March 14, at 8.15 p.m. The tickets will be available at the inquiry desk in the foyer of Simcoe Hall from 10 a.m. to 4 p.m. from Wednesday, March 12.

STAFF NOTES

Arts and Science

PROF. D. P. DRYER gave a lecture at Dalhousie University on Feb. 18 on "Mill's Concept of Justice" and another lecture on "J. S. Mill" on Feb. 20 to the Humanities Association at the University of New Brunswick.

PROF. KARL F. HELLEINER contributed a paper on "The Economic Consequences of the Napoleonic Wars" to a lecture series organized by Trent University to commemorate the bi-centenary of Napoleon's birth.

Medicine

DR. DAVID P. VARADI received a \$5,000 grant from the Dermatology Foundation of New York for the purpose of research, teaching and patient care in dermatology at the Wellesley Hospital. American and Canadian schools were in open competition for these awards, seven of which are made annually. The University of Toronto is the first in Canada to receive the grant.

Applied Science and Engineering

PROF. W. H. RAPSON presented a paper on "Education of Engineers for the Pulp and Paper Industry" at the annual meeting of the Technical Section of the Canadian Pulp and Paper Association, Montreal, Jan. 28-31. Dr. Rapson was also co-author of papers with DR. R. A. FLEURY on "The Contribution of Alpha-Carbonyl Compounds to the Colour of Groundwood", DR. J. POLCIN on "The Interpretation of U.V. and Visible Spectrum of Lignin" and DR. J. POLCIN, DR. M. WAYMAN, MR. C. B. ANDERSON on "Sapwood and Heartwood Groundwood of Western Hemlock and Jack Pine. Part I. Influence of Extractives on Optical Properties". Dr. Rapson attended the annual meeting of the Technical Association of the Pulp and Paper Industry in New York, Feb. 17-19. He has been appointed Conference chairman for the Fifth International Symposium on the bleaching of pulp in Atlanta, Ga. in May, 1970. From Feb. 10 to 12, Dr. Rapson was a member of the National Research Council Grants Selection Committee for Chemical Engineering and Metallurgy in Ottawa.

PROF. E. J. DAVISON presented a paper entitled "The Stability of a Second Order Linear Periodic System" at the Winter Annual Meeting of the American Society of Mechanical Engineers held in New York, Dec. 1-5. He also presented a paper entitled "Optimum Variable Measurement in Multivariable Control Systems" at the IFAC Conference on Multivariable Systems held in Dusseldorf, Germany, Oct. 7-8.

PROF. G. SINCLAIR attended the IEEE Winter Power Meeting in New York in his capacity as chairman of the Awards Board in order to participate in the awards luncheon on Jan. 28.

PROF. G. R. SLEMON attended the meeting of the administrative committee of the

IEEE and Magnetics Group in New York on Jan. 24. Prof. Slemon also attended the Winter Power Meeting of the IEEE in New York on Jan. 27 and 28 and presented a paper entitled, "An Analysis of the Hysteresis Motor Part 3 Analysis of the Parasitic Losses".

DR. B. TABAROCK visited the Dept. of Civil Engineering, University of Western Ontario on Feb. 12 and gave a seminar on "Some Methods of Frequency Analysis".

Ontario Institute for Studies in Education

DR. ALLEN TOUGH was chairman of the Tenth National Seminar on Adult Education Research, in Toronto, Feb. 9 to 11. He presented a paper, "Why Adults Learn".

J. E. TWOMEY was the keynote speaker of a five-day Educational Television Workshop sponsored by the Special Interest Group of Psychologists in Education, Feb. 4, prior to the Ontario Psychological Association annual meeting in Toronto.

A number of OISE faculty and staff attended the Ontario Psychological Association's Twenty-Second Annual Meeting in Toronto Feb. 6-8. DR. HARVEY NARROL spoke on "Behavior Modification in the Schools". DR. CLIFFORD CHRISTENSEN chaired the session on Clinical and Counseling Psychology. DR. WILLIAM FOWLER presented the paper, "Overview and Conceptual Model", and chaired the session on The Ecology of Infant Learning. DR. ALAN MARCUS chaired the session on Psychologists, Data and Social Problems, and DR. DAVID OLSON chaired the session on Language and Intellectual Development in Children.

Social Work

DR. B. W. SCHLESINGER delivered the following talks and lectures during the month: on Jan. 22 to the University of Guelph, Macdonald Institute, a lecture on "The Canadian Family in Perspective"; on Jan. 26 to the Jewish Community Council, London, Ont. on "The Jewish Family"; on Jan. 28 to Primary Opportunity Teachers, North York, on "The Child, Parent, and Teacher in the Opportunity Class"; on Jan. 30 at Hunter College, a seminar on Human Rights, on "The Rights of the Family".

DR. B. Z. SHAPIRO attended the annual program meeting of the Council on Social Work Education in Cleveland.

Aerospace Studies

DR. H. S. RIBNER attended a meeting of the members of the Executive Committee of the Division of Fluid Dynamics during the annual meeting of the American Physical Society, New York, Feb. 3-5.

DR. R. C. TENNYSON attended the CASI Publications Committee meeting in Ottawa on Feb. 6 and subsequently visited the NRC to discuss mutual research interests in the area of polymer chemistry.

DR. I. I. GLASS attended a seminar on Gravity Vacuum Transit Systems, organized